

Docket Number: 011765-0356172

Client Reference: PJS/ALH/MW/P10283US-



PATENT APPLICATION

IFW

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

JUNFENG GENG, et al.

Group Art Unit:

Application No.: 10/587,216

Examiner:

Filed: July 25, 2006

Confirmation No.: 4818

For: METHOD OF PRODUCING CARBON-ENCAPSULATED METAL NANOPARTICLES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

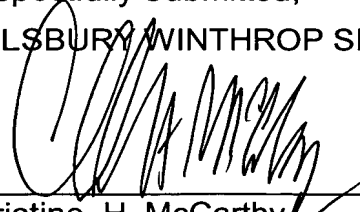
Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached SB/08(b). A copy of each of the references listed is attached hereto. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-SB/08(b) to Applicants with the next Office communication to indicate that the references have been considered, per MPEP § 609.

This Information Disclosure Statement is being filed within three months of the U.S. filing date of this application, and before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

Respectfully Submitted,

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PTO/SB/08b (07-05)

Approved for use through 06/30/2006. OMB 0651-0031  
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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

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**Complete if Known**

Application Number	10/587,216
Filing Date	07/25/2006
First Named Inventor	JUNFENG GENG
Art Unit	
Examiner Name	
Attorney Docket Number	011765-0356172

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ROHIT K. RANA ET AL., "Preparation, Texture, and Magnetic Properties of Carbon Nanotubes/Nanoparticles Doped with Cobalt," J. Phys. Chem., ed., American Chemical Society, p. 4079-4084, (2002).	
		ROHIT KUMAR RANA ET AL., "Carbon Nanoflask: A Mechanistic Elucidation of Its Formation," J. Phys. Chem., American Chemical Society, p. 9769-9776, (2002).	
		HAOQING HOU ET AL., "Carbon Nanotubes and Spheres Produced by Modified Ferrocene Pyrolysis," Chemistry of Materials, American Chemical Society, p. 399-03994, (2002).	
		NORIAKI SANO, "Separated synthesis of iron-included carbon nanocapsules and nanotubes by pyrolysis of ferrocene in pure hydrogen," CARBON, Elsevier Science B.V., p. 2159-2179, (2003).	
		PETER J. HARRIS, "Nanocapsules and nanotest tubes," Chapter 5, Cambridge University Press, p. 157-185, (1999).	
		SHEKHAR SUBRAMONEY, "Novel nanocarbons - Structure, Properties, and Potential Applications," Advanced Materials, Vol. 10 ( No. 15), p. 1157-1171, (1998).	
		ALEXEI A. BOGDANOV, JR. ET AL., "Trapping of dextran-coated colloids in liposomes by transient binding to aminophospholipid; preparation of ferrosomes," Biochimica et Biophysica Acta, 1193, p. 212-218, (1994).	
		JOHN HENRY J. SCOTT ET AL., "Morphology, structure, and growth of nanoparticles produced in a carbon arc," Physical Review, The American Physical Society, Vol. 52 ( No. 17), p. 564-571, (November 1, 1995).	
		ZIYI ZHONG ET AL., "Catalytic growth of carbon nanoballs with and without cobalt encapsulation," Chemical Physics Letters, Elsevier Science B.V., p. 41-47, (November 3, 2000).	
		P.J.F. HARRIS ET AL., "A simple technique for the synthesis of filled carbon nanoparticles," Chemical Physics Letters, Elsevier Science B.V., p. 53-58, (August 21, 1998).	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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